

**In the Specification:**

On page 1 of the specification, at line 6, please insert the following paragraph:

The present application is a divisional application which claims priority to related U.S.

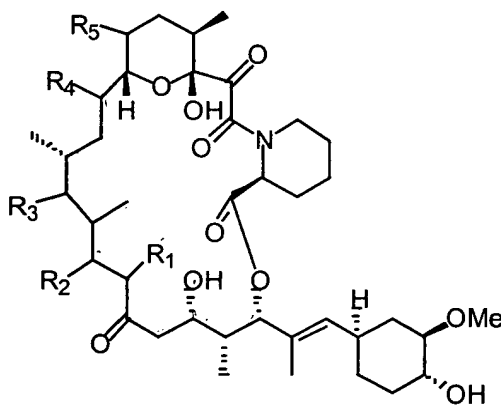
patent application Serial Nos. 60/102,748, filed 2 Oct. 1998; 60/139,650, filed 17 June 1999;  
60/123,810, filed 11 Mar. 1999, and 09/410,551, filed 1 October 1999, and PCT/US99/22886,  
filed 1 October 1999, each of which is incorporated herein by reference.

**In the claims:**

Please delete claims 1-17 and 19-20 without prejudice or disclaimer.

Original Claim 18 follows:

18. A polyketide having the structure



wherein, R<sub>1</sub> is hydrogen, methyl, ethyl, or allyl; R<sub>2</sub> is hydrogen or hydroxyl, provided that when R<sub>2</sub> is hydrogen, there is a double bond between C-20 and C-19; R<sub>3</sub> is hydrogen or hydroxyl; R<sub>4</sub> is methoxyl, hydrogen, methyl, or ethyl; and R<sub>5</sub> is methoxyl, hydrogen, methyl, or ethyl; but not including FK-506, FK-520, 18-hydroxy-FK-520, and 18-hydroxy-FK-506.

Please add new claims 21-65 as follows:

2  
21. The polyketide as in claim 18 wherein R<sub>2</sub> is hydrogen and there is a double bond between C-20 and C-19.

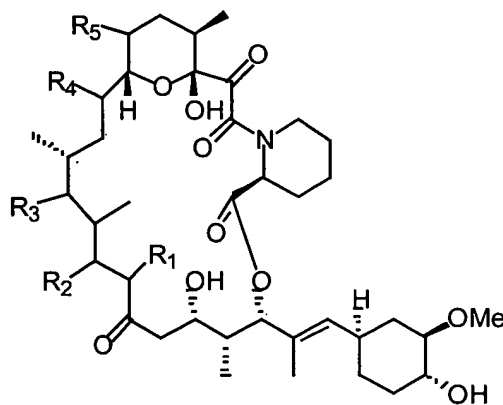
3  
22. The polyketide as in claim 18 wherein R<sub>4</sub> is hydrogen, methyl or ethyl.

4  
23. The polyketide as in claim 22 wherein R<sub>3</sub> is hydroxyl.

5  
24. The polyketide as in claim 18 wherein R<sub>5</sub> is hydrogen, methyl or ethyl.

A2  
Cmit  
6  
25. The polyketide as in claim 24 wherein R<sub>3</sub> is hydroxy.

7  
26. A compound of the formula



wherein:

R<sub>1</sub> is ethyl or allyl;

R<sub>2</sub> is hydrogen and there is a double bond between C-20 and C-19;

R<sub>3</sub> is hydrogen;

R<sub>4</sub> is methoxyl, hydrogen, methyl, or ethyl; and

R<sub>5</sub> is methoxyl, hydrogen, methyl, or ethyl; provided that at least one of R<sub>4</sub> or R<sub>5</sub> is not methoxyl.

8  
27. The compound as in claim 26 wherein R<sub>1</sub> is ethyl.

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9  
28. The compound as in claim ~~27~~<sup>8</sup> wherein R<sub>4</sub> is methoxyl and R<sub>5</sub> is hydrogen or methyl.

10  
29. The compound as in claim ~~27~~<sup>8</sup> wherein R<sub>4</sub> is hydrogen or methyl and R<sub>5</sub> is methoxyl.

11  
30. The compound as in claim ~~26~~<sup>7</sup> that is 13-desmethoxy-FK-520.

12  
31. The compound as in claim ~~26~~<sup>7</sup> that is 13-desmethoxyl-13-methyl-FK-520.

13  
32. The compound as in claim ~~26~~<sup>7</sup> that is 15-desmethoxy-FK-520.

14  
33. The compound as in claim ~~26~~<sup>7</sup> that is 15-desmethoxy-15-methyl-FK-520.

15  
34. The compound as in claim ~~26~~<sup>7</sup> that is 13,15-didesmethoxy-FK-520.

16  
35. The compound as in claim ~~26~~<sup>7</sup> that is 13,15-didesmethoxy-13-methyl-FK-520.

17  
36. The compound as in claim ~~26~~<sup>7</sup> that is 13,15-didesmethoxy-15-methyl-FK-520.

18  
37. The compound as in claim ~~26~~<sup>7</sup> that is 13,15-didesmethoxy-13,15-dimethyl-FK-520.

19  
38. The compound as in claim ~~26~~<sup>7</sup> that is 13-desmethoxy-FK-506.

20  
39. The compound as in claim ~~26~~<sup>7</sup> that is 13-desmethoxy-13-methyl-FK-506.

21  
40. The compound as in claim ~~26~~<sup>7</sup> that is 15-desmethoxy-FK-506.

22  
41. The compound as in claim ~~26~~<sup>7</sup> that is 15-desmethoxy-15-methyl-FK-506.

23  
42. The compound as in claim ~~26~~<sup>7</sup> that is 13,15-didesmethoxy-FK-506.

24  
43. The compound as in claim ~~26~~<sup>7</sup> that is 13,15-didesmethoxy-13-methyl-FK-506.

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25  
44.

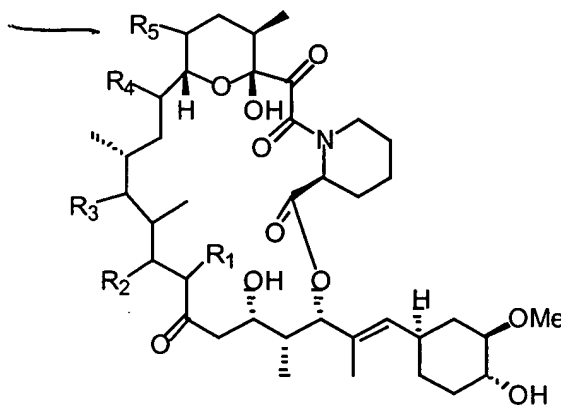
The compound as in claim ~~26~~<sup>7</sup> that is 13,15-didesmethoxy-15-methyl-FK-506.

26  
45.

The compound as in claim ~~26~~<sup>7</sup> that is 13,15-didesmethoxy-13,15-dimethyl-FK-506.

27  
46.

A compound of the formula



wherein:

R<sub>1</sub> is ethyl or allyl;

R<sub>2</sub> is hydrogen and there is a double bond between C-20 and C-19;

R<sub>3</sub> is hydroxyl;

R<sub>4</sub> is methoxyl, hydrogen, methyl, or ethyl; and

R<sub>5</sub> is methoxyl, hydrogen, methyl, or ethyl; provided that at least one of R<sub>4</sub> or R<sub>5</sub> is not methoxyl.

28  
47.

The compound as in claim ~~46~~<sup>27</sup> wherein R<sub>1</sub> is ethyl.

29  
48.

The compound as in claim ~~46~~<sup>27</sup> wherein R<sub>4</sub> is methoxyl and R<sub>5</sub> is hydrogen or methyl.

30  
49.

The compound as in claim ~~46~~<sup>27</sup> wherein R<sub>4</sub> is hydrogen or methyl and R<sub>5</sub> is methoxyl.

31  
50.

The compound as in claim ~~46~~<sup>27</sup> that is 13-desmethoxy-18-hydroxyl-FK-520.

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32  
51. The compound as in claim 46 that is 13-desmethoxy-13-methyl-18-hydroxyl-FK-520.

33  
52. The compound as in claim 46 that is 15-desmethoxy-18-hydroxyl-FK-520.

34  
53. The compound as in claim 46 that is 15-desmethoxy-15-methyl-18-hydroxyl-FK-520.

35  
54. The compound as in claim 46 that is 13,15-didesmethoxy-18-hydroxyl-FK-520.

36  
55. The compound as in claim 46 that is 13,15-didesmethoxy-13-methyl-18-hydroxyl-FK-520.

37  
56. The compound as in claim 46 that is 13,15-didesmethoxy-15-methyl-18-hydroxyl-FK-520.

38  
57. The compound as in claim 46 that is 13,15-didesmethoxy-13,15-dimethyl-18-hydroxyl-FK-520.

39  
58. The compound as in claim 46 that is 13-desmethoxyl-18-hydroxyl-FK-506.

40  
59. The compound as in claim 46 that is 13-desmethoxy-13-methyl-18-hydroxyl-FK-506.

41  
60. The compound as in claim 46 that is 15-desmethoxy-18-hydroxyl-FK-506.

42  
61. The compound as in claim 46 that is 15-desmethoxy-15-methyl-18-hydroxyl-FK-506.

43  
62. The compound as in claim 46 that is 13,15-didesmethoxy-18-hydroxyl-FK-506.

44  
63. The compound as in claim 46 that is 13,15-didesmethoxy-13-methyl-18-hydroxyl-FK-506.

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